Claims

1. A solar radiation shielding member comprising solar radiation shielding fine particles, wherein;

the solar radiation shielding member has a transmittance having a maximum value at a wavelength of from 400 nm to 700 nm and a minimum value at a wavelength of from 700 nm to 1,800 nm, and, where the maximum value of the transmittance is represented by P, the minimum value thereof by B and the visible-light transmittance by VLT, has solar radiation shielding performance satisfying the following mathematical expression (1) at $60\% \leq VLT \leq 80\%$:

$$P/B + 0.2067 \times VLT \geq 17.5 \qquad\qquad (1).$$

2. A solar radiation shielding member comprising solar radiation shielding fine particles, wherein;

the solar radiation shielding member has a transmittance having a maximum value at a wavelength of from 400 nm to 700 nm and a minimum value at a wavelength of from 700 nm to 1,800 nm, and, where the maximum value of the transmittance is represented by P, the minimum value thereof by B and the visible-light transmittance by VLT, has solar radiation shielding performance satisfying the following mathematical expression (2) at $38\% \leq VLT \leq 55\%$:

$$P/B + 2.4055 \times VLT \geq 133.6 \qquad (2).$$

3. The solar radiation shielding member according to claim 1 or 2, wherein said solar radiation shielding fine particles comprise fine boride particles having an average primary-particle diameter of 400 nm or less and a lattice constant of from 4.100 to 4.160, and having a powder color in the L*a*b* color system of which L* is from 30 to 60, a* is from -5 to 10 and b* is from -10 to 2.

4. The solar radiation shielding member according to claim 3, wherein said fine boride particles are fine hexaboride particles represented by XB_6 (wherein X is at least one selected from the group consisting of Y, La, Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu, Zr, Ba, Sr and Ca).

5. A solar radiation shielding member forming fluid dispersion which contains a solvent and solar radiation shielding fine particles dispersed in the solvent and is used for forming a solar radiation shielding member, wherein;

said solar radiation shielding fine particles comprise the fine boride particles according to claim 3 or 4, and fine boride particles having been

dispersed in the solvent have a dispersed-particle diameter of 800 nm or less.

6. The solar radiation shielding member forming fluid dispersion according to claim 5, which contains at least one compound selected from ZrO_2, TiO_2, Si_3N_4, SiC, SiO_2, Al_2O_3 and Y_2O_3.

7. The solar radiation shielding member forming fluid dispersion according to claim 6, wherein the value of (weight of said compound/weight of the fine boride particles) × 100 is set within the range of from 0.1% to 250%.

8. A solar radiation shielding member characterized by being formed using the solar radiation shielding member forming fluid dispersion according to claim 5.

9. A solar radiation shielding member characterized by being formed using the solar radiation shielding member forming fluid dispersion according to claim 6 or 7.